284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1109

Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1109 **SAS No.:** Q1109

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV60	Mercury	4.27	4.0	107	90 - 110	CV	01/17/2025	11:58	LB134324

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1109

Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1109 **SAS No.:** Q1109

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV44	Mercury	5.19	5.0	104	90 - 110	CV	01/17/2025	12:03	LB134324
CCV45	Mercury	4.88	5.0	98	90 - 110	CV	01/17/2025	12:35	LB134324
CCV46	Mercury	5.33	5.0	106	90 - 110	CV	01/17/2025	12:49	LB134324

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1109

Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1109 **SAS No.:** Q1109

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	453	500	91	90 - 110	P	01/27/2025	15:30	LB134439
	Antimony	196	200	98	90 - 110	P	01/27/2025	15:30	LB134439
	Arsenic	192	200	96	90 - 110	P	01/27/2025	15:30	LB134439
	Barium	97.2	100	97	90 - 110	P	01/27/2025	15:30	LB134439
	Beryllium	90.4	100	90	90 - 110	P	01/27/2025	15:30	LB134439
	Cadmium	98.2	100	98	90 - 110	P	01/27/2025	15:30	LB134439
	Calcium	2030	2000	102	90 - 110	P	01/27/2025	15:30	LB134439
	Chromium	95.3	100	95	90 - 110	P	01/27/2025	15:30	LB134439
	Cobalt	97.1	100	97	90 - 110	P	01/27/2025	15:30	LB134439
	Copper	104	100	104	90 - 110	P	01/27/2025	15:30	LB134439
	Iron	1960	2000	98	90 - 110	P	01/27/2025	15:30	LB134439
	Lead	195	200	98	90 - 110	P	01/27/2025	15:30	LB134439
	Magnesium	1110	1200	93	90 - 110	P	01/27/2025	15:30	LB134439
	Manganese	95.9	100	96	90 - 110	P	01/27/2025	15:30	LB134439
	Nickel	105	110	95	90 - 110	P	01/27/2025	15:30	LB134439
	Potassium	1820	2000	91	90 - 110	P	01/27/2025	15:30	LB134439
	Selenium	200	200	100	90 - 110	P	01/27/2025	15:30	LB134439
	Silver	46.6	50.0	93	90 - 110	P	01/27/2025	15:30	LB134439
	Sodium	1890	2000	94	90 - 110	P	01/27/2025	15:30	LB134439
	Thallium	191	210	91	90 - 110	P	01/27/2025	15:30	LB134439
	Vanadium	92.5	100	92	90 - 110	P	01/27/2025	15:30	LB134439
	Zinc	200	200	100	90 - 110	P	01/27/2025	15:30	LB134439

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1109

Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1109 **SAS No.:** Q1109

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV	Aluminum	16.7	20.0	84	80 - 120	P	01/27/2025	15:35	LB134439
	Antimony	1.81	2.0	90	80 - 120	P	01/27/2025	15:35	LB134439
	Arsenic	0.87	1.0	87	80 - 120	P	01/27/2025	15:35	LB134439
	Barium	9.14	10.0	91	80 - 120	P	01/27/2025	15:35	LB134439
	Beryllium	0.86	1.0	86	80 - 120	P	01/27/2025	15:35	LB134439
	Cadmium	0.93	1.0	93	80 - 120	P	01/27/2025	15:35	LB134439
	Calcium	453	500	91	80 - 120	P	01/27/2025	15:35	LB134439
	Chromium	1.86	2.0	93	80 - 120	P	01/27/2025	15:35	LB134439
	Cobalt	0.97	1.0	97	80 - 120	P	01/27/2025	15:35	LB134439
	Copper	2.01	2.0	100	80 - 120	P	01/27/2025	15:35	LB134439
	Iron	47.6	50.0	95	80 - 120	P	01/27/2025	15:35	LB134439
	Lead	0.85	1.0	85	80 - 120	P	01/27/2025	15:35	LB134439
	Magnesium	483	500	97	80 - 120	P	01/27/2025	15:35	LB134439
	Manganese	1.01	1.0	101	80 - 120	P	01/27/2025	15:35	LB134439
	Nickel	1.00	1.0	100	80 - 120	P	01/27/2025	15:35	LB134439
	Potassium	451	500	90	80 - 120	P	01/27/2025	15:35	LB134439
	Selenium	4.14	5.0	83	80 - 120	P	01/27/2025	15:35	LB134439
	Silver	0.91	1.0	91	80 - 120	P	01/27/2025	15:35	LB134439
	Sodium	469	500	94	80 - 120	P	01/27/2025	15:35	LB134439
	Thallium	0.85	1.0	85	80 - 120	P	01/27/2025	15:35	LB134439
	Vanadium	4.61	5.0	92	80 - 120	P	01/27/2025	15:35	LB134439
	Zinc	4.62	5.0	92	80 - 120	P	01/27/2025	15:35	LB134439

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1109

Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1109 **SAS No.:** Q1109

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	51000	50000	102	90 - 110	P	01/27/2025	15:48	LB134439
	Antimony	506	500	101	90 - 110	P	01/27/2025	15:48	LB134439
	Arsenic	503	500	101	90 - 110	P	01/27/2025	15:48	LB134439
	Barium	2550	2500	102	90 - 110	P	01/27/2025	15:48	LB134439
	Beryllium	529	500	106	90 - 110	P	01/27/2025	15:48	LB134439
	Cadmium	469	500	94	90 - 110	P	01/27/2025	15:48	LB134439
	Calcium	250000	250000	100	90 - 110	P	01/27/2025	15:48	LB134439
	Chromium	489	500	98	90 - 110	P	01/27/2025	15:48	LB134439
	Cobalt	508	500	102	90 - 110	P	01/27/2025	15:48	LB134439
	Copper	4950	5000	99	90 - 110	P	01/27/2025	15:48	LB134439
	Iron	128000	125000	103	90 - 110	P	01/27/2025	15:48	LB134439
	Lead	2610	2500	104	90 - 110	P	01/27/2025	15:48	LB134439
	Magnesium	255000	250000	102	90 - 110	P	01/27/2025	15:48	LB134439
	Manganese	5100	5000	102	90 - 110	P	01/27/2025	15:48	LB134439
	Nickel	495	500	99	90 - 110	P	01/27/2025	15:48	LB134439
	Potassium	125000	125000	100	90 - 110	P	01/27/2025	15:48	LB134439
	Selenium	494	500	99	90 - 110	P	01/27/2025	15:48	LB134439
	Silver	491	500	98	90 - 110	P	01/27/2025	15:48	LB134439
	Sodium	256000	250000	102	90 - 110	P	01/27/2025	15:48	LB134439
	Thallium	518	500	104	90 - 110	P	01/27/2025	15:48	LB134439
	Vanadium	498	500	100	90 - 110	P	01/27/2025	15:48	LB134439
	Zinc	4700	5000	94	90 - 110	P	01/27/2025	15:48	LB134439
CCV02	Aluminum	50300	50000	101	90 - 110	P	01/27/2025	16:28	LB134439
	Antimony	500	500	100	90 - 110	P	01/27/2025	16:28	LB134439
	Arsenic	501	500	100	90 - 110	P	01/27/2025	16:28	LB134439
	Barium	2520	2500	101	90 - 110	P	01/27/2025	16:28	LB134439
	Beryllium	508	500	102	90 - 110	P	01/27/2025	16:28	LB134439
	Cadmium	458	500	92	90 - 110	P	01/27/2025	16:28	LB134439
	Calcium	247000	250000	99	90 - 110	P	01/27/2025	16:28	LB134439
	Chromium	491	500	98	90 - 110	P	01/27/2025	16:28	LB134439
	Cobalt	512	500	102	90 - 110	P	01/27/2025	16:28	LB134439
	Copper	4960	5000	99	90 - 110	P	01/27/2025	16:28	LB134439
	Iron	128000	125000	102	90 - 110	P	01/27/2025	16:28	LB134439
	Lead	2590	2500	104	90 - 110	P	01/27/2025	16:28	LB134439

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1109

Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1109 **SAS No.:** Q1109

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	254000	250000	102	90 - 110	P	01/27/2025	16:28	LB134439
	Manganese	5140	5000	103	90 - 110	P	01/27/2025	16:28	LB134439
	Nickel	497	500	99	90 - 110	P	01/27/2025	16:28	LB134439
	Potassium	125000	125000	100	90 - 110	P	01/27/2025	16:28	LB134439
	Selenium	491	500	98	90 - 110	P	01/27/2025	16:28	LB134439
	Silver	479	500	96	90 - 110	P	01/27/2025	16:28	LB134439
	Sodium	255000	250000	102	90 - 110	P	01/27/2025	16:28	LB134439
	Thallium	519	500	104	90 - 110	P	01/27/2025	16:28	LB134439
	Vanadium	502	500	100	90 - 110	P	01/27/2025	16:28	LB134439
	Zinc	4760	5000	95	90 - 110	P	01/27/2025	16:28	LB134439
CCV03	Aluminum	50900	50000	102	90 - 110	P	01/27/2025	18:29	LB134439
	Antimony	509	500	102	90 - 110	P	01/27/2025	18:29	LB134439
	Arsenic	498	500	100	90 - 110	P	01/27/2025	18:29	LB134439
	Barium	2550	2500	102	90 - 110	P	01/27/2025	18:29	LB134439
	Beryllium	496	500	99	90 - 110	P	01/27/2025	18:29	LB134439
	Cadmium	462	500	92	90 - 110	P	01/27/2025	18:29	LB134439
	Calcium	252000	250000	101	90 - 110	P	01/27/2025	18:29	LB134439
	Chromium	491	500	98	90 - 110	P	01/27/2025	18:29	LB134439
	Cobalt	509	500	102	90 - 110	P	01/27/2025	18:29	LB134439
	Copper	4960	5000	99	90 - 110	P	01/27/2025	18:29	LB134439
	Iron	130000	125000	104	90 - 110	P	01/27/2025	18:29	LB134439
	Lead	2640	2500	106	90 - 110	P	01/27/2025	18:29	LB134439
	Magnesium	254000	250000	102	90 - 110	P	01/27/2025	18:29	LB134439
	Manganese	5190	5000	104	90 - 110	P	01/27/2025	18:29	LB134439
	Nickel	499	500	100	90 - 110	P	01/27/2025	18:29	LB134439
	Potassium	125000	125000	100	90 - 110	P	01/27/2025	18:29	LB134439
	Selenium	495	500	99	90 - 110	P	01/27/2025	18:29	LB134439
	Silver	488	500	98	90 - 110	P	01/27/2025	18:29	LB134439
	Sodium	254000	250000	102	90 - 110	P	01/27/2025	18:29	LB134439
	Thallium	528	500	106	90 - 110	P	01/27/2025	18:29	LB134439
	Vanadium	502	500	100	90 - 110	P	01/27/2025	18:29	LB134439
	Zinc	4750	5000	95	90 - 110	P	01/27/2025	18:29	LB134439
CCV04	Aluminum	50500	50000	101	90 - 110	P	01/27/2025	18:51	LB134439
	Antimony	504	500	101	90 - 110	P	01/27/2025	18:51	LB134439

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1109

Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1109 **SAS No.:** Q1109

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	495	500	99	90 - 110	P	01/27/2025	18:51	LB134439
	Barium	2520	2500	101	90 - 110	P	01/27/2025	18:51	LB134439
	Beryllium	496	500	99	90 - 110	P	01/27/2025	18:51	LB134439
	Cadmium	459	500	92	90 - 110	P	01/27/2025	18:51	LB134439
	Calcium	248000	250000	99	90 - 110	P	01/27/2025	18:51	LB134439
	Chromium	486	500	97	90 - 110	P	01/27/2025	18:51	LB134439
	Cobalt	513	500	103	90 - 110	P	01/27/2025	18:51	LB134439
	Copper	4930	5000	99	90 - 110	P	01/27/2025	18:51	LB134439
	Iron	128000	125000	102	90 - 110	P	01/27/2025	18:51	LB134439
	Lead	2610	2500	104	90 - 110	P	01/27/2025	18:51	LB134439
	Magnesium	251000	250000	100	90 - 110	P	01/27/2025	18:51	LB134439
	Manganese	5120	5000	102	90 - 110	P	01/27/2025	18:51	LB134439
	Nickel	494	500	99	90 - 110	P	01/27/2025	18:51	LB134439
	Potassium	124000	125000	100	90 - 110	P	01/27/2025	18:51	LB134439
	Selenium	485	500	97	90 - 110	P	01/27/2025	18:51	LB134439
	Silver	481	500	96	90 - 110	P	01/27/2025	18:51	LB134439
	Sodium	252000	250000	101	90 - 110	P	01/27/2025	18:51	LB134439
	Thallium	525	500	105	90 - 110	P	01/27/2025	18:51	LB134439
	Vanadium	497	500	99	90 - 110	P	01/27/2025	18:51	LB134439
	Zinc	4710	5000	94	90 - 110	P	01/27/2025	18:51	LB134439
CCV05	Aluminum	50800	50000	102	90 - 110	P	01/27/2025	19:30	LB134439
	Antimony	506	500	101	90 - 110	P	01/27/2025	19:30	LB134439
	Arsenic	496	500	99	90 - 110	P	01/27/2025	19:30	LB134439
	Barium	2520	2500	101	90 - 110	P	01/27/2025	19:30	LB134439
	Beryllium	497	500	99	90 - 110	P	01/27/2025	19:30	LB134439
	Cadmium	461	500	92	90 - 110	P	01/27/2025	19:30	LB134439
	Calcium	249000	250000	100	90 - 110	P	01/27/2025	19:30	LB134439
	Chromium	489	500	98	90 - 110	P	01/27/2025	19:30	LB134439
	Cobalt	513	500	103	90 - 110	P	01/27/2025	19:30	LB134439
	Copper	4990	5000	100	90 - 110	P	01/27/2025	19:30	LB134439
	Iron	129000	125000	104	90 - 110	P	01/27/2025	19:30	LB134439
	Lead	2590	2500	103	90 - 110	P	01/27/2025	19:30	LB134439
	Magnesium	254000	250000	102	90 - 110	P	01/27/2025	19:30	LB134439
	Manganese	5230	5000	104	90 - 110	P	01/27/2025	19:30	LB134439

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Weston Solutions **SDG No.:** Q1109

Contract: WEST04 **Lab Code:** CHEM **Case No.:** Q1109 **SAS No.:** Q1109

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	497	500	99	90 - 110	P	01/27/2025	19:30	LB134439
	Potassium	125000	125000	100	90 - 110	P	01/27/2025	19:30	LB134439
	Selenium	487	500	98	90 - 110	P	01/27/2025	19:30	LB134439
	Silver	483	500	96	90 - 110	P	01/27/2025	19:30	LB134439
	Sodium	254000	250000	102	90 - 110	P	01/27/2025	19:30	LB134439
	Thallium	519	500	104	90 - 110	P	01/27/2025	19:30	LB134439
	Vanadium	500	500	100	90 - 110	P	01/27/2025	19:30	LB134439
	Zinc	4750	5000	95	90 - 110	P	01/27/2025	19:30	LB134439
CCV06	Aluminum	51400	50000	103	90 - 110	P	01/27/2025	20:06	LB134439
	Antimony	517	500	103	90 - 110	P	01/27/2025	20:06	LB134439
	Arsenic	497	500	100	90 - 110	P	01/27/2025	20:06	LB134439
	Barium	2600	2500	104	90 - 110	P	01/27/2025	20:06	LB134439
	Beryllium	498	500	100	90 - 110	P	01/27/2025	20:06	LB134439
	Cadmium	472	500	94	90 - 110	P	01/27/2025	20:06	LB134439
	Calcium	256000	250000	102	90 - 110	P	01/27/2025	20:06	LB134439
	Chromium	496	500	99	90 - 110	P	01/27/2025	20:06	LB134439
	Cobalt	520	500	104	90 - 110	P	01/27/2025	20:06	LB134439
	Copper	5000	5000	100	90 - 110	P	01/27/2025	20:06	LB134439
	Iron	132000	125000	105	90 - 110	P	01/27/2025	20:06	LB134439
	Lead	2670	2500	107	90 - 110	P	01/27/2025	20:06	LB134439
	Magnesium	254000	250000	102	90 - 110	P	01/27/2025	20:06	LB134439
	Manganese	5260	5000	105	90 - 110	P	01/27/2025	20:06	LB134439
	Nickel	504	500	101	90 - 110	P	01/27/2025	20:06	LB134439
	Potassium	127000	125000	102	90 - 110	P	01/27/2025	20:06	LB134439
	Selenium	496	500	99	90 - 110	P	01/27/2025	20:06	LB134439
	Silver	494	500	99	90 - 110	P	01/27/2025	20:06	LB134439
	Sodium	257000	250000	103	90 - 110	P	01/27/2025	20:06	LB134439
	Thallium	535	500	107	90 - 110	P	01/27/2025	20:06	LB134439
	Vanadium	506	500	101	90 - 110	P	01/27/2025	20:06	LB134439
	Zinc	4830	5000	97	90 - 110	P	01/27/2025	20:06	LB134439